PERMIT FORMS PURSUANT TO REGULATIONS FOR
THE CONTROL AND ABATEMENT OF AIR POLLUTION

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF ENVIRONMENTAL QUALITY

AIR PERMIT
FORM 7 APPLICATION

for

NEW SOURCE REVIEW PERMITS
and STATE OPERATING PERMITS

DEQ
VIRGINIA DEPARTMENT OF
ENVIRONMENTAL QUALITY

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In Addition, Complete the Following Pages If You Operate or Plan to Operate any the Following Processes or Types of Equipment:

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- FOR VOC/PETROLEUM STORAGE TANKS:
  - **Pages 18 and 19** - Volatile Organic Compound (VOC)/Petroleum Liquid Storage Tanks
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****NOTE:** ***Complete only the applicable pages in Form 7.*** If any pages are unused, the facility does not need to submit the unused pages with the application.

Source-Specific Form 7 Applications

There are **specific** Form 7 Applications available on the DEQ website for the sources listed below:

- Asphalt plants (Form 7A)
- Crematories (Form 7B)
- Concrete Batch Plant (Form 7C)

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VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY - AIR PERMITS LOCAL GOVERNING BODY CERTIFICATION FORM	
Business Entity Name (same name on file with the Virginia SCC) LifeNet Health	Registration Number: 61713
Applicant's Name: LifeNet Health	Name of Contact Person at the site: Ron McIntosh
Applicant's Mailing address: 1864 Concert Drive, Virginia Beach, VA 23453	Contact Person Telephone Number: Office – 1 (757) 609-4217 Cell – 1 (757) 761-5560
Facility location (also attach map): 5733 Bayside Road, Suite 104, Virginia Beach, VA 23455	
Facility type, and list of activities to be conducted: Allograft preparation and equipment sterilization	
The applicant is in the process of completing an application for an air pollution control permit from the Virginia Department of Environmental Quality. In accordance with § 10.1-1321.1. Title 10.1, Code of Virginia (1950), as amended, before such a permit application can be considered complete, the applicant must obtain a certification from the governing body of the county, city or town in which the facility is to be located that the location and operation of the facility are consistent with all applicable ordinances adopted pursuant to Chapter 22 (§§ 15.2-2200 et seq.) of Title 15.2. The undersigned requests that an authorized representative of the local governing body sign the certification below.	
Applicant's signature: Harold K McIntyl	Date: 04/20/2021
The undersigned local government representative certifies to the consistency of the proposed location and operation of the facility described above with all applicable local ordinances adopted pursuant to Chapter 22 (§§15.2-2200 et seq.) of Title 15.2. of the Code of Virginia (1950) as amended, as follows: (**Check one block**) ☐ The proposed facility is **fully consistent** with all applicable local ordinances. ☐ The proposed facility is **inconsistent** with applicable local ordinances; see attached information.	
Signature of authorized government representative:	Date:
Type or print name:	Title:
County, city or town:	

[THE LOCAL GOVERNMENT REPRESENTATIVE SHOULD FORWARD THE SIGNED CERTIFICATION TO THE APPROPRIATE DEQ REGIONAL OFFICE AND SEND A COPY TO THE APPLICANT.]

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VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY – 2021 AIR PERMIT APPLICATION FEES

VALID JANUARY 1, 2021 TO DECEMBER 31, 2021

Air permit applications are subject to a fee and fee are adjusted January 1 of each calendar year. **The fee does not apply to administrative amendments or** true minor sources. Applications will be considered incomplete if the proper fee is not paid and will not be processed until full payment is received. **Air permit application fees are not refundable. Please contact the Regional Air Permit Manager if you are unsure of your fee amount.**

Step 1: Send this **ORIGINAL** form and a check (or money order) payable to "Treasurer of Virginia" to:

Department of Environmental Quality **Receipts Control** **P.O. Box 1104** **Richmond, VA 23218**	**OR** **FOR OVERNIGHT DELIVERY**	**Department of Environmental Quality** **Receipts Control** **1111 East Main Street, Suite 1400** **Richmond, VA 23219**

Step 2: Send a **COPY** of this form with the permit application to the appropriate DEQ Regional Office

Step 3: Retain a copy for your records. Questions should be directed to the DEQ regional office where the application will be submitted

COMPANY NAME:	**LifeNet Health**	**FIN:**	**52-1273592**
COMPANY REPRESENTATIVE:	**Ron McIntosh**	**EMAIL** **ADDRESS:**	**Ron_mcintosh@lifenethealth.org**
MAILING ADDRESS:	**1864 Concert Drive Virginia Beach, VA 23453**		
BUSINESS PHONE:	**1 (757) 609-4217**	**FAX:**	**1 (757) 609-4405**
FACILITY NAME:	**LifeNet Health**	**REGISTRATION NUMBER:**	**61713**
PHYSICAL LOCATION:	**5733 Bayside Road, Suite 104, Virginia Beach, VA 23455**		

PERMIT ACTIVITY **AIR PERMIT APPLICATION FEES ARE NOT REFUNDABLE** **Please contact the Regional Air Permit Manager if you are unsure of your fee amount**	**APPLICATION FEE AMOUNT**	**CHECK ONE**
Sources subject to Title V permitting requirements:		
• Major NSR permit (Articles 7, 8, 9)	$71,436	
• Major NSR permit amendment (Articles 7, 8, 9) **(except administrative)***	$11,339	
• State major permit (Article 6)	$28,347	
• Title V permit (Articles 1, 3)	$39,686	
• Title V permit renewal (Articles 1, 3)	$17,008	
• Title V permit modification (Articles 1, 3)	$4,535	
• Minor NSR permit (Article 6)	$5,669	
• Minor NSR amendment (Article 6) **(except administrative)***	$2,834	
• State operating permit (Article 5)	$11,339	
• State operating permit amendment (Article 5) **(except administrative)***	$4,535	
Sources subject to Synthetic Minor permitting requirements:		
• Minor NSR permit (Article 6)	$3,401	
• Minor NSR amendment (Article 6)* **(except administrative)***	$1,133	
• State operating permit (Article 5)	$5,669	
• State operating permit amendment (Article 5)* **(except administrative)***	$2,834	

***AIR PERMIT APPLICATION FEES DO NOT APPLY TO ADMINISTRATIVE AMENDMENTS**

DEQ OFFICE TO WHICH PERMIT APPLICATION WILL BE SUBMITTED (check one)

☐ SWRO/Abingdon	☐ NRO/Woodbridge	☐ PRO/Richmond
☐ VRO/Harrisonburg	☐ BRRO/Roanoke	☑ TRO/Virginia Beach

FOR DEQ USE ONLY
Date: _____
DC #: _____
Reg. No.: _____

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APPLICATION FEE FORM DEFINITIONS:

Administrative amendment – An administrative change to a permit issued pursuant to Article 1 (9VAC5-80-50 et seq.), Article 3 (9VAC5-80-360 et seq.), Article 5 (9VAC5-80-800 et seq.), Article 6 (9VAC5-80-1100 et seq.), Article 7 (9VAC5-80-1400 et seq.), Article 8 (9VAC5-80-1605 et seq.), or Article 9 (9VAC5-80-2000 et seq.) of 9VAC5 Chapter 80. Administrative amendments include, but are not limited to, the following:

- Corrections of typographical or any other error, defect or irregularity which does not substantially affect the permit,
- Identification of a change in the name, address, or phone number of any person identified in the permit, or of a similar minor administrative change at the source,
- Change in ownership or operational control of a source where the board determines that no other change in the permit is necessary, provided that a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the current and new permittee has been submitted to the board.

Major new source review permit (Major NSR permit) – A permit issued pursuant to Article 7 (9VAC5-80-1400 et seq.), Article 8 (9VAC5-80-1605 et seq.), or Article 9 (9VAC5-80-2000 et seq.) of 9VAC5 Chapter 80. **For purposes of fees, the Major NSR permit also includes applications for projects that are major modifications.**

- An Article 7 permit is a preconstruction review permit (case-by-case Maximum Achievable Control Technology (MACT) determination) for the construction or reconstruction of any stationary source or emission unit that has the potential to emit, considering controls, 10 tons per year or more of any individual hazardous air pollutant (HAP) or 25 tons per year or more of any combination of HAPs and EPA has not promulgated a MACT standard or delisted the source category.
- An Article 8 permit is for a source (1) with the potential to emit over 250 tons per year of a single criteria pollutant OR (2) is in one of the listed source categories under 9VAC5-80-1615 and has the potential to emit over 100 tons per year of any criteria pollutant OR (3) with the potential to emit over 100,000 tons per year of CO_2 equivalent (CO_2e) (9VAC5-85 Part III). PSD permits are issued in areas that are in attainment of the National Ambient Air Quality Standards.
- An Article 9 permit is a preconstruction review permit for areas that are in nonattainment with a National Ambient Air Quality Standard (NAAQS). Nonattainment permits are required by any major new source that is being constructed in a nonattainment area and is major for the pollutant for which the area is in nonattainment. Nonattainment permitting requirements may also be triggered if an existing minor source makes a modification that results in the facility being major for the pollutant for which the area is in nonattainment. A major source is any source with potential to emit over 250 tons per year of a single criteria pollutant or is in one of the listed source categories under 9VAC5-80-2010 and the potential to emit over 100 tons per year of any criteria pollutant. However, if any area is in nonattainment for a specific pollutant, the major source threshold may be lower for that pollutant. For example, sources locating in the Northern Virginia Ozone Nonattainment Area which are part of the Ozone Transport Region would be a major source if they have the potential to emit more than 100 tons per year of NO_X and/or 50 tons per year of VOC regardless of source category. Nonattainment permits do not require an air quality analysis but require a source to control to the Lowest Achievable Emission Rate (LAER) and to obtain offsets.

Major NSR permit amendment – A change to a permit issued pursuant to Article 7 (9VAC5-80-1400 et seq.), Article 8 (9VAC5-80-1605 et seq.), or Article 9 (9VAC5-80-2000 et seq.) of 9VAC5 Chapter 80**. Only minor amendments and significant amendments are included in this category.**

Minor new source review permit (Minor NSR permit) – A permit to construct and operate issued under Article 6 (9VAC5-80-1100 et seq.) of 9VAC5 Chapter 80. Minor NSR permits are 1) categorically required; or 2) issued to sources whose uncontrolled emission rate for a regulated criteria pollutant is above exemption thresholds and permitting allowables are below Title V thresholds, and/or 3) issued to sources whose potential to emit for a toxic pollutant is above state toxic exemption thresholds and permitting allowables are below Title V thresholds. The minor NSR permit can be used to establish synthetic minor limits for avoidance of state major, PSD and/or Title V permits. **For purposes of fees, the Minor NSR permit also includes exemption applications and applications for projects at existing sources.**

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Minor NSR amendment - A change to a permit issued pursuant to Article 6 (9VAC5-80-1100 et seq.) of 9VAC5 Chapter 80. **Only minor amendments and significant amendments are included in this category.**

Sources subject to Synthetic Minor permitting requirements - Stationary sources whose potential to emit exceeds the Title V threshold (100 tons per year of a criteria pollutant, 10/25 tpy of HAPs, and/or 100,000 tpy CO_2e) but have taken federally enforceable limits, either through a state operating permit or a minor NSR permit, to avoid Title V permit applicability.

Sources subject to Title V permitting requirements – Stationary sources that have a potential to emit above the Title V thresholds or are otherwise applicable to the Title V permitting program.

State major permit – A permit to construct and operate issued under Article 6 (9VAC5-80-1100 et seq.) of 9VAC5 Chapter 80. State major permits are for facilities that have an allowable emission rate of more than 100 tons per year, but less than 250 tons per year, of any criteria pollutant and are not listed in the 28 categories under "major stationary source" as defined in 9VAC5-80-1615.

State operating permit (SOP) – A permit issued under Article 5 (9VAC5-80-800 et seq.) of 9VAC5 Chapter 80. SOPs are most often used by stationary sources to establish federally enforceable limits on potential to emit to avoid major New Source Review permitting (PSD and Nonattainment permits), Title V permitting, and/or major source MACT applicability. SOPs can also be used to combine multiple permits from a stationary source into one permit or to implement emissions trading requirements. The State Air Pollution Control Board, at its discretion, may also issue SOPs to cap the emissions of a stationary source or emissions unit causing or contributing to a violation of any air quality standard or to establish a source-specific emission standard or other requirement necessary to implement the federal Clean Air Act or the Virginia Air Pollution Control Law.

SOP permit amendment - A change to a permit issued pursuant to Article 5 (9VAC5-80-800 et seq.) of 9VAC5 Chapter 80. **Only minor amendments and significant amendments are included in this category**.

Title V permit – A federal operating permit issued pursuant to Article 1 (9VAC5-80-50 et seq.) or Article 3 (9VAC5-80-360 et seq.) of 9VAC5 Chapter 80. Facilities which (1) have the potential to emit of air pollutants above the major source thresholds, listed in 9VAC5-80-60 OR (2) are area sources of hazardous air pollutants, not explicitly exempted by EPA OR (3) have the potential to emit over 100,000 tons per year of CO_2 equivalent (CO_2e) (9VAC5-85 Part III), are required to obtain a Title V permit. For purposes of fees, the Title V permit also includes Acid Rain (Article 3) permit applications.

Title V permit modification - A change to a permit issued pursuant to Article 1 (9VAC5-80-50 et seq.) or Article 3 (9VAC5-80-360 et seq.) of 9VAC5 Chapter 80. Only minor modifications and significant modifications are included in this category.

Title V permit renewal – A renewal of a Title V permit pursuant to Article 1 (9VAC5-80-50 et seq.) of 9VAC5 Chapter 80. Title V permits are renewed every 5 years and a renewal application must be submitted to the regional office no sooner than 18 months and no later than 6 months prior to expiration of the Title V permit. For purposes of fees, the Title V permit renewal also includes Acid Rain (Article 3) permit renewal applications.

True minor source – A source that does not have the physical or operational capacity to emit major amounts (even if the source owner and regulatory agency disregard any enforceable limits). For further information regarding the definition of a true minor source, see DEQ's website.

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AIR PERMIT APPLICATION CHECKLIST

APPLICATION FORM PAGES AND NUMBER OF COPIES

Place a "√"In Boxes Below to Indicate Pages Included with Application Submittal	Page Title and Page Number	Indicate Number of Copies Included with Application Submittal
√	Local Governing Body Certification Form, Page 5	
√	Application Fee Form, Pages 6-8	
√	Application and Attachments Checklist, Page 9	
√	Document Certification Form, Page 10	
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	Fuel Burning Equipment, Page 13	
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√	Air Pollution Control and Monitoring Equipment, Page 22	
√	Air Pollution Control/Supplemental Information, Page 23	
√	Stack Parameters and Fuel Data, Page 24	
√	Proposed Permit Limits for Criteria Pollutants, Page 25	
√	Proposed Permit Limits for Toxic Pollutants/HAPs, Page 26	
	Proposed Permit Limits for Other Reg. Pollutants, Page 27	
	Proposed Permit Limits for GHGs on Mass Basis, Page 28	
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	BAE for Criteria Pollutants, Page 30	
	BAE for GHGs on Mass Basis, Page 31	
	BAE for GHGs on CO_2e Basis, Page 32	
√	Operating Periods, Page 33	

ATTACHMENTS AND NUMBER OF COPIES

Place a "√"In Boxes Below to Indicate Attachments Included with Application Submittal	Attached Document Names (Use Blank Spaces to Write In Names of any Attachments Not Listed Below)	Indicate Number of Copies Included with Application Submittal
√	Map of Site Location	1
√	Facility Site Plan	1
	Process Flow Diagram/Schematic	
√	MSDS or CPDS Sheets	
√	Estimated Emission Calculations	
	Stack Tests	
	Air Modeling Data	
	Confidential Information (see Instructions)	
	BACT Analysis	

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DOCUMENT CERTIFICATION FORM

I certify under penalty of law that this document and all attachments [as noted above] were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering and evaluating the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

I certify that I understand that the existence of a permit under [Article 6 of the Regulations] does not shield the source from potential enforcement of any regulation of the board governing the major NSR program and does not relieve the source of the responsibility to comply with any applicable provision of the major NSR regulations.

DATE:	04/20/2021
SIGNATURE:	Ronald K McIntosh
NAME:	Ronald K. McIntosh
TITLE:	Director of Corporate Support
PHONE:	1 (757) 609-4217
EMAIL:	Ron_mcintosh@lifenethealth.org
REGISTRATION NO:	61713
COMPANY NAME:	LifeNet Health
ADDRESS:	1864 Concert Drive, Virginia Beach, VA. 23453

References: Virginia Regulations for the Control and Abatement of Air Pollution (Regulations), 9VAC5-20-230B and 9VAC5-80-1140E.

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GENERAL INFORMATION

Person Completing Form: Jeremy Hirschbeck	Date:04/19/21	Registration Number: 61713
Company and Division Name: LifeNet Health		FIN: 52-1273592
Mailing Address: 1864 Concert Drive, Virginia Beach, VA 23453		
Exact Source Location – Include Name of City (County) and Full Street Address or Directions: 5733 Bayside Road, Suite 104, Virginia Beach, VA 23455		
Facility Phone Number: 1 (757) 609-4217	No. of Employees: 74	Property Area at Site: 4.9 Acre
Person to Contact on Air Pollution Matters – Name and Title: Name: Neil Murphy Title: VP Production & Engineering	Contact Phone Number: 1 (757) 609-4641 Contact Email: Neil_murphy@lifenethealth.org Contact Fax:1 (757) 609-2205	
Latitude and Longitude Coordinates **OR** UTM Coordinates of Facility:36.89795445905996 – 76.1850031804544		

Reason(s) for Submission (Check all that apply):

- [ ] State Operating Permit

This permit is applied for pursuant to provisions of the Virginia Administrative Code, 9 VAC 5 Chapter 80, Article 5 (SOP)

- [ ] New Source
- [ ] Modification of a Source
- [ ] Relocation of a Source

This permit is applied for pursuant to the following provisions of the Virginia Administrative Code:

- [x] 9 VAC 5 Chapter 80, Article 6 (Minor Sources)
- [ ] 9 VAC 5 Chapter 80, Article 8 (PSD Major Sources)
- [ ] 9 VAC 5 Chapter 80, Article 9 (Non-Attainment Major Sources)

- [x] Amendment to a Permit Dated: March 21, 2016 Permit Type: [ ] SOP (Art. 5) [x] NSR (Art. 6, 8, 9)

Amendment Type:

- [ ] Administrative Amendment
- [x] Minor Amendment
- [ ] Significant Amendment

This amendment is requested pursuant to the provisions of:

- [ ] 9 VAC 5-80-970 (Art. 5 Adm.)
- [ ] 9 VAC 5-80-980 (Art. 5 Minor)
- [ ] 9 VAC 5-80-990 (Art. 5 Sig.)
- [ ] 9 VAC 5-80-1270 (Art. 6 Adm.)
- [x] 9 VAC 5-80-1280 (Art. 6 Minor)
- [ ] 9 VAC 5-80-1290 (Art. 6 Sig.)
- [ ] 9 VAC 5-80-1935 (Art. 8 Adm.)
- [ ] 9 VAC 5-80-1945 (Art. 8 Minor)
- [ ] 9 VAC 5-80-1955 (Art. 8 Sig.)
- [ ] 9 VAC 5-80-2210 (Art. 9 Adm.)
- [ ] 9 VAC 5-80-2220 (Art. 9 Minor)
- [ ] 9 VAC 5-80-2230 (Art. 9 Sig.)

- [ ] Other (specify): _____

Explanation of Permit Request (attach documents if needed):

Replacement of EO sterilizers with newer models – 3M is discontinuing support of the 8XL sterilizers. LNH has been working with 3M to have all 3 of the sterilizers at Bayside replaced with the newer models, GSX series. The goal is to have the sterilizers replaced in a phased approach throughout 2021. The GSX series use the same weight gas cannister and our monthly usage rates will not change. The new sterilizers will feed to our existing abators.

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GENERAL INFORMATION (CONTINUED)

For Portable Plants:

Is this facility designed to be portable? ☐ Yes ☒ No

- If yes, is this facility already permitted as a portable plant? ☐ Yes ☐ No Permit Date: _____

If not permitted, is this an application to be permitted as a portable plant? ☐ Yes ☐ No

If permitted as a portable facility, is this a notification of relocation? ☐ Yes ☐ No

- Describe the new location or address (include a site map): _____

- Will the portable facility be co-located with another source? ☐ Yes ☐ No Reg. No. _____
- Will the portable facility be modified or reconstructed as a result of the relocation? ☐ Yes ☐ No
- Will there be any new emissions other than those associated with the relocation? ☐ Yes ☐ No
- Is the facility suitable for the area to which it will be located? (attach documentation) ☐ Yes ☐ No

Describe the products manufactured and/or services performed at this facility:

Allograft preparation and equipment sterilization

List the Standard Industrial Classification (SIC) Code(s) for the facility:

8	0	6	2																

List the North American Industry Classification System (NAICS) Code(s) for the facility:

6	2	2	1	1	0																		

List all the facilities in Virginia under common ownership or control by the owner of this facility:

Corporate HQ 1864 Concert Drive, Va. Beach, VA. 23453: IRM 1884 Concert Drive, Va. Beach, VA. 23453: LBW 1400 London Bridge Rd. Suite 100, Va. Beach, VA. 23453: Ward Ct 5809 Ward Ave. Va. Beach, VA. 23455: Sabre 2900 Sabre St. Suite 800, Va. Beach, VA> 23452: Roanoke 1306 Plantation Rd. NE., Roanoke, VA. 24012: Richmond 3609 Saunders Ave. Richmond, VA. 23277

Milestones: This section is to be completed if the permit application includes a new emissions unit or modification to existing operations.

Milestones*:	Starting Date:	Estimated Completion Date:
New Equipment Installation	ETOS-9, 10: 7/7/2021 ETOS-7: 8/13/2021	ETOS-9, 10: 7/8/2021 ETOS-7: 8/16/2021
Modification of Existing Process or Equipment	N/A	N/A
Start-up Dates	ETOS-9, 10: 7/9/2021 ETOS-7: 8/17/2021	ETOS-9, 10: 8/12/2021 ETOS-7: 8/30/2021

*For new or modified installations to be constructed in phased schedule, give construction/installation starting and completion date for each phase.

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FUEL BURNING EQUIPMENT: (Boilers, Turbines, Kilns, and Other External Combustion Units)

Company Name: LifeNet Health	Date: 4/19/2021	Registration Number: 61713

Unit Ref. No.	Equipment Manufacturer, Type, and Model Number	Date of Manuf.	Date of Const.	Max. Rated Input Heat Capacity For Each Fuel (Million Btu/hr)	Type of Fuel	Type of Equip. (use Code A)	Usage (use Code B)	Requested Throughput* (hrs/yr OR fuel/yr)	Federal Regulations that Apply
BG-4	Emergency Generator, Caterpillar, Model 3456	2002	2003	11.2 mmBtu/hr	Diesel Fuel	19 Diesel Fuel Generator	6	500 hrs/yr	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

☐ Estimated Emission Calculations Attached (include references of emission factors) and/or Stack Test Results if Available

Code A – Equipment

BOILER TYPE:
1. Pulverized Coal - Wet Bottom
2. Pulverized Coal - Dry Bottom
3. Pulverized Coal - Cyclone Furnace
4. Circulating Fluidized Bed
5. Spreader Stoke
6. Chain or Travelling Grate Stoker
7. Underfeed Stoker
8. Hand Fired Coal
9. Oil, Tangentially Fired
10. Oil, Horizontally Fired (except rotary cup)
11. Gas, Tangentially Fired
12. Gas, Horizontally Fired
13. Wood with Flyash Reinjection
14. Wood without Flyash Reinjection
15. Other (specify) _____

OTHER COMBUSTION UNITS:
16. Oven / Kiln
17. Rotary Kiln
18. Process Furnace
19. Other (specify) _____

Code B - Usage

1. Steam Production
2. Drying / Curing
3. Space Heating
4. Process Heat
5. Food Processing
6. Electrical Generation
7. Mechanical Work
8. Other (specify) _____

***Pick only one option for a requested throughput.**
NOTE: Dryers, kilns, and furnaces also have to fill out Page 15, Processing, Manufacturing, Surface Coating and Degreasing Operations.

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STATIONARY INTERNAL COMBUSTION ENGINES:

Company Name: LifeNet Health	Date: N/A	Registration Number: 61713

Unit Ref. No.	Equipment Manufacturer, Type, and Model Number	Date of Manuf.	Date of Const.	Output Brake Horsepower (bhp)	Output Electrical Power (kW)	Type of Fuel	Usage* (use Code C)	Requested Throughput** (hrs/yr OR fuel/yr)	Federal Regulations that Apply
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

☐ Estimated Emission Calculations Attached (include references of emission factors and manufacturer specifications per engine) and/or Stack Test Results if Available.

Code C – Usage

1. Emergency Generator
2. Participates in Emergency Load Response Program
3. Non-Emergency Generator
4. Participates in Demand Response Program(s)
5. Other (specify) _____

***Can pick more than one option**
(i.e. 1 and 2 **OR** 3 and 4)

****Pick only one option for a requested throughput.**

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LIQUID AND/OR SOLID WASTE INCINERATORS: (NOT AN AIR EMISSIONS CONTROL DEVICE)

Company Name: LifeNet Health	**Date:** N/A	**Registration Number:** 61713

Unit Ref. No.	Equipment Manufacturer, Type, and Model Number	Date of Manuf.	Date of Const.	Incin. Max. Rated Capacity (lbs/hr)	Burner Rated Capacity (Btu/hr)		Minimum Chamber Temp. (°F)		Requested Throughput to be Incinerated		Incin. Type (use Code D)	Waste Type (use Code E)	Min. Secondary Chamber Retention Time (sec)	Burn Down Cycle Time (hrs)	Federal Regulations that Apply
					Pri.	Sec.	Pri.	Sec.	Lbs/hr	Tons/yr					
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

☐ Estimated Emission Calculations Attached (include references of emission factors) and/or Stack Test Results if Available

Code D – Incinerator Type	**Code E – Waste Type**
1. Rotary Kiln 2. Mass Burn/Refuse Derived Fuel 3. Crematory 4. Single Chamber 5. Multiple Chamber 6. Other (specify) ____________	1. Paper Waste 2. Hospital Waste 3. Medical Waste 4. Municipal Waste 5. Animal Waste 6. Crematory Waste (Human Remains) 7. Industrial Waste 8. Other (specify) ____________

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PROCESSING, MANUFACTURING, SURFACE COATING AND DEGREASING OPERATIONS:

Company Name: LifeNet Health	Date: 04/16/21	Registration Number: 61713

Unit Ref. No.	Process or Operation Name	Equipment Manufacturer, Type, and Model Number	Date of Manuf.	Date of Const.	Max. Rated Capacity (lbs./hr)*	Requested Throughput*			Federal Regulations that Apply
						(lbs/hr)	(lbs/day)	(lbs/yr)	
ETOS-7	EO sterilizer	3M Steri-Vac Sterilizer/Aerator Model GS8X	2021	2021	0.031	0.031	0.744	273	Title 40 → Chapter I → Subchapter C → Part 63 → Subpart O → §63.362
ETOS-9	EO sterilizer	3M Steri-Vac Sterilizer/Aerator Model	2021	2021	0.031	0.031	0.744	273	Title 40 → Chapter I → Subchapter C → Part 63 → Subpart O → §63.362
ETOS-10	EO sterilizer	3M Steri-Vac Sterilizer/Aerator Model	2021	2021	0.031	0.031	0.744	273	Title 40 → Chapter I → Subchapter C → Part 63 → Subpart O → §63.362
AB-D	EO abator for ETOS-7	3M EO Abator	2010	2010	See page 21	N/A	N/A	N/A	Title 40 → Chapter I → Subchapter C → Part 63 → Subpart O → §63.362
AB-E	EO abator for ETOS-9, 10	3M EO Abator	2021	2021	See page 21	N/A	N/A	N/A	Title 40 → Chapter I → Subchapter C → Part 63 → Subpart O → §63.362

[x] Estimated Emission Calculations Attached (include references of emission factors) and/or Stack Test Results if Available

*** Specify units for each operation in tons, pounds, gallons, etc., as applicable. For coating operations, the maximum rated capacity is the spray gun capacity.**

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INKS, COATINGS, STAINS, AND ADHESIVES:

Company Name: LifeNet Health	Date: N/A	Registration Number: 61713

Unit Ref. No.	Coating Material (specify)	Coating Use (use Code F)	Lbs VOC in Coating as Applied			VOC Control Method (use Code G)	Solids Transfer Efficiency (%)	Coating Density as Applied (lbs/gal)	Maximum Coating Usage as Applied	
			Per gal coating	Per gal coating less water & exempt solvent	Per gal solids				(Gal/hr)	(Gal/yr)
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Hazardous Air Pollutants (HAPs)	Lbs HAP/gal coating as applied	Hazardous Air Pollutants (HAPs)	Lbs HAP/gal coating as applied
CAS #: N/A HAP Name: N/A	N/A	CAS #: N/A HAP Name: N/A	N/A
CAS #: N/A HAP Name: N/A	N/A	CAS #: N/A HAP Name: N/A	N/A
CAS #: N/A HAP Name: N/A	N/A	CAS #: N/A HAP Name: N/A	N/A

☐ Estimated Emission Calculations Attached (include references of emission factors and MSDS or CPDS for each coating)

Code F – Coating Use

1. Large Appliance Coatings
2. Magnet Wire Coatings
3. Auto and Light Duty Truck Coatings
   a. Prime Coat
   b. Guidecoat
   c. Topcoat
   d. Final Repair
   e. Anti-chip
   f. Anti-chip extreme performance
   g. Anti-chip visible surface
4. Aerospace Industries Coating
5. Magnetic Tape Coating
6. Can Coatings
   a. Base/Overvarnish
   b. Internal body/external ends
   c. 3-piece Can, side seam
   d. End seals
7. Metal Coil Coating
8. Non-Printing Paper/Fabric Coating
9. Publication Printing Inks and Coatings
10. Packaging Printing Inks and Coatings
11. Vinyl Coatings
12. Metal Furniture Coatings
13. Plastic Parts and Products Coatings
14. Miscellaneous Metal Parts Coatings
    a. Clear coatings
    b. Air-dried Coatings
    c. Extreme Performance Coatings
    d. Other coatings
15. Flatwood Paneling Coatings
    a. Printed Hardwood/Particleboard
    b. Natural finish Hardwood/Plywood
    c. Class II Hardboard
16. Paper and other Webs
17. Shipbuilding and Ship Repair Coating
18. Wood Furniture Coating
19. Flexographic Ink
20. Lithographic Ink
21. Rotogravure Ink
22. Adhesives – describe:_____
    _____
23. Other:_____

Code G – VOC Control Method

1. Low-VOC Coatings
   a. High-Solids Coatings
   b. Low-Solvent Coatings
   c. Waterborne Coatings
   d. Powder Coatings
   e. UV Light/Electron Beam Cured Coatings
   f. Electrodeposited Waterborne Coatings
2. Increased Solids Transfer Efficiency
3. Carbon Adsorption
4. Incineration
5. Regenerative Thermal Oxidizer (RTO)
6. Enclosures - Partial _____ % or
   Capture Efficiency _____ %
7. Other:_____

NOTE: Fill out one page for each ink, coating, stain, and adhesive

. Return to "What Pages Do I Fill Out For My Facility?"

VOLATILE ORGANIC COMPOUND (VOC)/PETROLEUM LIQUID STORAGE TANKS:

Company Name:	LifeNet Health	Date:	N/A	Registration Number:	61713

Unit Ref. No.	Tank Type (use Code H)	Source of Tank Contents (use Code I)	Date of Manuf.	Date of Const.	Material Stored - Name and CAS # (include Reid Vapor Pressure for Gasoline)	Max. True Vapor Pressure (psia)	Density* (lbs/gal)	Max. Average Storage Temp. (°F)	Tank Diameter (feet)	Tank Capacity (gal)	Requested Throughput (gal/yr)	Federal Regulations that Apply
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

☐ Estimated Emission Calculations Attached (include TANKS Program printouts)

Code H – Tank Type

1. Fixed Roof
   a. Vertical Tank
   b. Horizontal Tank
2. Floating Roof
   a. Internal (welded deck)
   b. Internal (bolted deck) – Specify Panel or Sheet
   c. External (welded deck)
   d. External (riveted deck)
3. Variable Vapor Space
4. Pressure Tank (over 15 psig)
5. Underground Splash Loading
6. Underground Submerged Loading
7. Underground Submerged Loading, Balanced
8. Other:_____

Code I – Source of Tank Contents

1. Pipeline
2. Rail Car
3. Tank Truck
4. Ship or Barge
5. Process

*** Specify the ASTM temperature standard at which the density was measured.**

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VOLATILE ORGANIC COMPOUND (VOC)/PETROLEUM LIQUID STORAGE TANKS (CONTINUED):

Company Name:	LifeNet Health	Date:	N/A	Registration Number:	61713

Unit Ref. No.	Tank Color		Fixed Roof Only					Floating Roof Only				
	Shell	Roof	Internal Tank Height or Length (feet)	Max. Hourly Filling (gallons)	External Fixed Roof			Seal Type (use Code J)	Max. Hourly Withdrawal (gallons)	Internal Floating Roof		
					Type of Roof (cone or dome)	Cone height (ft) and slope (ft/ft)	Dome height (ft) and radius (ft)			Self Supporting?	If no, No. of Columns	If no, Column Diameter (ft)
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Code J – Seal Type (Pontoon External Only)

1. Mechanical Shoe
   a. Primary only
   b. Shoe mounted secondary
   c. Rim mounted secondary
2. Liquid Mounted
   a. Primary only
   b. Weather shield secondary
   c. Rim mounted secondary
3. Vapor Mounted
   a. Primary only
   b. Weather shield secondary
   c. Rim mounted secondary

(Double Deck External Only)

4. Mechanical Shoe
   a. Primary only
   b. Shoe mounted secondary
   c. Rim mounted secondary
5. Liquid Mounted
   a. Primary only
   b. Weather shield secondary
   c. Rim mounted secondary
6. Vapor Mounted
   a. Primary only
   b. Weather shield secondary
   c. Rim mounted secondary

(Internal Only)

7. Mechanical Shoe
   a. Primary only
   b. Shoe mounted secondary
   c. Rim mounted secondary
8. Liquid Mounted
   a. Primary only
   b. Rim mounted secondary
9. Vapor Mounted
   a. Primary only
   b. Rim mounted secondary

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LOADING RACKS AND OIL-WATER SEPARATORS:

Company Name: LifeNet Health	Date: N/A	Registration Number: 61713

Unit Ref. No.	Name of Product Loaded or Recovered	Max. Hourly Throughput (gallons)	Requested Annual Throughput (gallons)	Loading Racks Only		Oil-Water Separators Only	Federal Regulations that Apply
				Type of Loading (use Code K)	Hatch Vapor Closure on Loading Arms (use Code L)	Type of Enclosure (use Code M)	
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

☐ Estimated Emission Calculations Attached

Code K – Type of Loading	Code L – Hatch Vapor Closure	Code M – Type of Enclosure
1. Overhead Loading - splash fill, normal service 2. Overhead Loading - submerged fill, normal service 3. Bottom Loading - normal service 4. Overhead Loading - splash fill, balanced service 5. Overhead Loading - submerged fill, balanced service 6. Bottom Loading - Balanced service	1. None, open to air 2. Emco - Wheaton 3. OPW 4. Chiksan - LTV 5. Other:_____	1. Open 2. Partially Open 3. Floating Roof 4. Sealed Cover

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FUMIGATION OPERATIONS:

Company Name: LifeNet Health	Date: N/A	Registration Number: 61713

Unit Ref. No.	Object or Product to be Fumigated	Containment System	Fumigant	Max. Daily Fumigant Usage* (lbs/day or g/day)	Max. Annual Fumigant Usage* (lbs/yr or g/yr)	Estimated Number of Fumigation Events Per Year	Aeration Method	Distance from Fumigation Operation to Property or Fence Line (feet)
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

☐ Estimated Emission Calculations Attached

☐ Fumigation Operation is less than 300 feet to an area occupied by people

*** Specify units for each operation in pounds (methyl bromide) or grams (phosphine) per day or year.**

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AIR POLLUTION CONTROL AND MONITORING EQUIPMENT:

Company Name: LifeNet Health	Date: 4/19/2021	Registration Number: 61713

Unit Ref. No.	Vent/ Stack No.	Device Ref. No.	Pollutant/Parameter	Air Pollution Control Equipment			Monitoring Instrumentation
				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
AB-D	VSE-4	AB-D	EtO, CO2, H2O	3M, Model 50AN	11	99.0	Abator bed Temperature recorder
AB-E	VSE-5	AB-E	EtO, CO2, H2O	3M, Model 50AN	11	99.0	Abator bed Temperature recorder

[x] Manufacturer Specifications Included

Code N – Type of Air Pollution Control Equipment

1. Settling Chamber
2. Cyclone
3. Multicyclone
4. Cyclone scrubber
5. Orifice scrubber
6. Mechanical scrubber
7. Venturi scrubber
   a. Fixed throat
   b. Variable throat
8. Mist eliminator
9. Filter
   a. Baghouse
   b. Other:_____
10. Electrostatic Precipitator
    a. Hot side
    b. Cold side
    c. High voltage
    d. Low voltage
    e. Single stage
    f. Two stage
    g. Other:_____
11. Catalytic Afterburner
12. Direct Flame Afterburner
13. Diesel Oxidation Catalyst (DOC)
14. Thermal Oxidizer
15. Regenerative Thermal Oxidizer (RTO)
16. Selective Catalytic Reduction (SCR)
17. Selective Non-Catalytic Reduction (SNCR)
18. Absorber
    a. Packed tower
    b. Spray tower
    c. Tray tower
    d. Venturi
    e. Other:_____
19. Adsorber
    a. Activated carbon
    b. Molecular sieve
    c. Activated alumina
    d. Silica gel
    e. Other:_____
20. Condenser (specify)
21. Other:_____

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AIR POLLUTION CONTROL EQUIPMENT - SUPPLEMENTAL INFORMATION:

Company Name: LifeNet Health	Date: 4/19/2021	Registration Number: 61713

Device Ref. No.	Type (use Code N)	Liquid Flow Rate (gpm) (4, 5, 6, 7, 17 ,19)	Liquid Medium (4, 5, 6, 7, 17, 19)	Cleaning Method (9, 10, 17, 18)	Number of Fields (10)	Number of Sections (9, 10)	Air to Cloth Ratio (fpm) (9)	Filter Material (9)	Inlet Temp. (°F)	Regeneration Method & Cycle Time (sec) (18)	Chamber Temp. (°F) (11, 12, 14, 15)	Retention Time (sec) (11, 12, 14, 15)	Pressure Drop (inch H_2O) (3, 4, 5, 6, 7, 9, 17)
AB-D	11	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	See below**	See below***	N/A
AB-E	11	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	See below**	See below***	N/A

** Stand by: 300 – 315F; Operating: 390 – 430F; Maximum: 499F

***Gas Retention Time (time of EtO conversion in Standard Abator Operations) = 45 minutes

NOTE: Numbers listed in parenthesis in the columns above represent the Control Equipment in Code N below.

Code N – Type of Air Pollution Control Equipment

1. Settling Chamber
2. Cyclone
3. Multicyclone
4. Cyclone scrubber
5. Orifice scrubber
6. Mechanical scrubber
7. Venturi scrubber
   a. Fixed throat
   b. Variable throat
8. Mist eliminator
9. Filter
   a. Baghouse
   b. Other:_____
10. Electrostatic Precipitator
    a. Hot side
    b. Cold side
    c. High voltage
    d. Low voltage
    e. Single stage
    f. Two stage
    g. Other:_____
11. Catalytic Afterburner
12. Direct Flame Afterburner
13. Diesel Oxidation Catalyst (DOC)
14. Thermal Oxidizer
15. Regenerative Thermal Oxidizer (RTO)
16. Selective Catalytic Reduction (SCR)
17. Selective Non-Catalytic Reduction (SNCR)
18. Absorber
    a. Packed tower
    b. Spray tower
    c. Tray tower
    d. Venturi
    e. Other:_____
19. Adsorber
    a. Activated carbon
    b. Molecular sieve
    c. Activated alumina
    d. Silica gel
    e. Other:_____
20. Condenser (specify)
21. Other:_____

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STACK PARAMETERS AND FUEL DATA:

Company Name:	LifeNet Health	Date:	4/19/2021	Registration Number:	61713

Unit Ref. No.	Vent/ Stack No.	Vent/Stack or Exhaust Data						Fuel(s) Data				
		Vent/Stack Config. (use Code O)	Vent/Stack Height (feet)	Exit Diameter (feet)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (acfm)	Exit Gas Temp. (°F)	Type of Fuel	Heating Value* (Btu/____)	Max. Rated Burned/hr (specify units)	Max. Sulfur %	Max. Ash %
AB-D	VSI-41 Abator Line	5	35	0.5	1019	200	32 - 460	N/A (electric heater)	N/A	N/A	N/A	N/A
	VSI-42 Emergency Line	5	35	0.5	1019	200	32 - 460	N/A (electric heater)	N/A	N/A	N/A	N/A
AB-E	VSI-51 Abator Line	5	35	0.5	1019	200	32 - 460	N/A (electric heater)	N/A	N/A	N/A	N/A
	VSI-22 Emergency Line	5	35	0.5	1019	200	32 - 460	N/A (electric heater)	N/A	N/A	N/A	N/A

Code O – Vent/Stack Configuration

1. Stack discharging downward, or nearly download
2. Equivalent stack representing a combination of multiple actual stacks
3. Gooseneck stack
4. Stack discharging in a horizontal direction
5. Stack with an unobstructed opening discharge in a vertical direction
6. Vertical stack with a weather cap or similar obstruction in exhaust system

*** Specify units for each heating value in Btus per unit of fuel.**

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PROPOSED PERMIT LIMITS FOR CRITERIA POLLUTANTS:

Company Name: LifeNet Health	Date: 4/19/2021	Registration Number: 61713

Unit Ref. No.	Proposed Permit Limits for Criteria Pollutants															
	PM [a] (Particulate Matter)		PM-10 [a,b] (10 µM or smaller particulate matter)		PM 2.5 [a,b] (2.5 µM or smaller particulate matter)		SO_2 (Sulfur Dioxide)		NO_X (Nitrogen Oxides)		CO (Carbon Monoxide)		VOC [a] (Volatile Organic Compounds)		Pb (Lead)	
	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr
AB-D	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0006	0.002	N/A	N/A
AB-E	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0006	0.002	N/A	N/A
TOTAL:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0012	0.004	N/A	N/A

☐ Estimated Emission Calculations Attached (totals and per Unit Ref. No.)

[a] PM, PM-10, PM 2.5, and VOC should also be split up by component and reported under the Proposed Permit Limits for Toxic Pollutants/HAPs.

[b] PM-10 and PM 2.5 includes filterable and condensable.

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PROPOSED PERMIT LIMITS FOR TOXIC POLLUTANTS/HAPS:

Company Name: LifeNet Health	Date: 4/19/2021	Registration Number: 61713

Unit Ref. No.	Proposed Permit Limits for Toxic/HAP Pollutants*															
	HAP Name: CAS #: 75-21-8		HAP Name: CAS #:		HAP Name: CAS #:		HAP Name: CAS #:		HAP Name: CAS #:		HAP Name: CAS #:		HAP Name: CAS #:		HAP Name: CAS #:	
	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr
ETOS-7	0.003	3 lbs/yr or 0.001 tons/yr	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ETOS-9	0.003	3 lbs/yr or 0.001 tons/yr	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ETOS-10	0.003	3 lbs/yr or 0.001 tons/yr	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOTAL:	0.009	0.003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

[x] Estimated Emission Calculations Attached (totals and per Unit Ref. No.)

*** Specify the name of the toxic pollutant/HAP for each Unit Ref. No. along with the respective CAS Number**. Toxic Pollutant means a pollutant on the designated list in the Form 7 Instructions document. Particulate matter and volatile organic compounds are not toxic pollutants as generic classes of substances, but individual substances within these classes may be toxic pollutants because their toxic properties or because a TLV (tm) has been established.

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PROPOSED PERMIT LIMITS FOR OTHER REGULATED POLLUTANTS:

Company Name: LifeNet Health	Date: N/A	Registration Number: 61713

Unit Ref. No.	Proposed Permit Limits for Other Regulated Pollutants*															
	Pollutant Name:		Pollutant Name:		Pollutant Name:		Pollutant Name:		Pollutant Name:		Pollutant Name:		Pollutant Name:		Pollutant Name:	
	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOTAL:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

☐ Estimated Emission Calculations Attached (totals and per Unit Ref. No.)

* **Other Regulated Pollutant** include Fluorides, Sulfuric Acid Mist, Hydrogen Sulfide (H_2S), Total Reduced Sulfur (including H_2S), Reduced Sulfur Compounds (including H_2S), Municipal Waste Combustor Organics (measured as total tetra-through octa-chlorinated dibenzo-p-dioxins and dibenzofurans), Municipal Waste Combustor Metals (measured as particulate matter), Municipal Waste Combustor Acid Gases (measured as the sum of SO_2 and HCl), and Municipal Solid Waste Landfill Emissions (measured as nonmethane organic compounds).

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PROPOSED PERMIT LIMITS FOR GREENHOUSE GASES (GHGs) ON MASS BASIS: FOR PSD MAJOR SOURCES ONLY

Company Name: LifeNet Health	Date: N/A	Registration Number: 61713

Unit Ref. No.	Proposed Permit Limits for GHG Pollutants on Mass Basis												Total GHGs	
	CO_2 (Carbon Dioxide)		N_2O (Nitrous Oxide)		CH_4 (Methane)		HFCs (Hydrofluoro-carbons)		PFCs (Perfluoro-carbons)		SF_6 (Sulfur Hexafluoride)			
	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOTAL:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

☐ Estimated Emission Calculations Attached (totals and per Unit Ref. No.)

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PROPOSED PERMIT LIMITS FOR GREENHOUSE GASES (GHGs) ON CO_2 EQUIVALENT EMISSIONS (CO_2e) BASIS: FOR PSD MAJOR SOURCES ONLY

Company Name: LifeNet Health	Date: N/A	Registration Number: 61713

Unit Ref. No.	Proposed Permit Limits for GHG Pollutants on CO_2 Equivalent Basis													
	CO_2 (Carbon Dioxide)		N_2O (Nitrous Oxide)		CH_4 (Methane)		HFCs (Hydrofluoro-carbons)		PFCs (Perfluoro-carbons)		SF_6 (Sulfur Hexafluoride)		Total GHGs	
	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOTAL:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

☐ Estimated Emission Calculations Attached (totals and per Unit Ref. No.)

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BASELINE ACTUAL EMISSIONS (BAE) FOR CRITERIA POLLUTANTS: FOR PSD OR MAJOR NONATTAINMENT SOURCES ONLY

Company Name: LifeNet Health	Date: N/A	Registration Number: 61713

Unit Ref. No.	Average Actual Annual Emissions to the Atmosphere of Criteria Pollutants for the Period: _____, 20___ to _____, 20___							
	PM (Particulate Matter)	PM-10* (10 µM or smaller particulate matter)	PM 2.5* (2.5 µM or smaller particulate matter)	SO_2 (Sulfur Dioxide)	NO_X (Nitrogen Oxides)	CO (Carbon Monoxide)	VOC (Volatile Organic Compounds)	Pb (Lead)
	tons/yr	tons/yr	tons/yr	tons/yr	tons/yr	tons/yr	tons/yr	tons/yr
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOTAL:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

☐ Background Documentation Attached (totals and per Unit Ref. No.)

*** PM-10 and PM 2.5 includes filterable and condensable.**

Return to "What Pages Do I Fill Out For My Facility?"

BASELINE ACTUAL EMISSIONS (BAE) FOR GREENHOUSE GASES (GHGs) POLLUTANT EMISSIONS ON MASS BASIS: FOR PSD MAJOR SOURCES ONLY

Company Name: LifeNet Health	Date: N/A	Registration Number: 61713

Unit Ref. No.	Average Actual Annual Emissions to the Atmosphere of GHGs for the Period: _____, 20___ to _____, 20___					
	CO_2 (Carbon Dioxide)	N_2O (Nitrous Oxide)	CH_4 (Methane)	HFCs (Hydrofluorocarbons)	PFCs (Perfluorocarbons)	SF_6 (Sulfur Hexafluoride)
	tons/yr	tons/yr	tons/yr	tons/yr	tons/yr	tons/yr
N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOTAL:	N/A	N/A	N/A	N/A	N/A	N/A

☐ Background Documentation Attached (totals and per Unit Ref. No.)

Return to "What Pages Do I Fill Out For My Facility?"

BASELINE ACTUAL EMISSIONS (BAE) FOR GREENHOUSE GASES (GHGs) POLLUTANT EMISSIONS ON CO_2 EQUIVALENT EMISSIONS (CO_2e) BASIS: FOR PSD MAJOR SOURCES ONLY

Company Name: LifeNet Health	Date: N/A	Registration Number: 61713

Unit Ref. No.	Average Actual Annual Emissions to the Atmosphere of GHGs for the Period: _____, 20___ to _____, 20___					
	CO_2 (Carbon Dioxide)	N_2O (Nitrous Oxide)	CH_4 (Methane)	HFCs (Hydrofluorocarbons)	PFCs (Perfluorocarbons)	SF_6 (Sulfur Hexafluoride)
	tons/yr	tons/yr	tons/yr	tons/yr	tons/yr	tons/yr
N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOTAL:	N/A	N/A	N/A	N/A	N/A	N/A

☐ Background Documentation Attached (totals and per Unit Ref. No.)

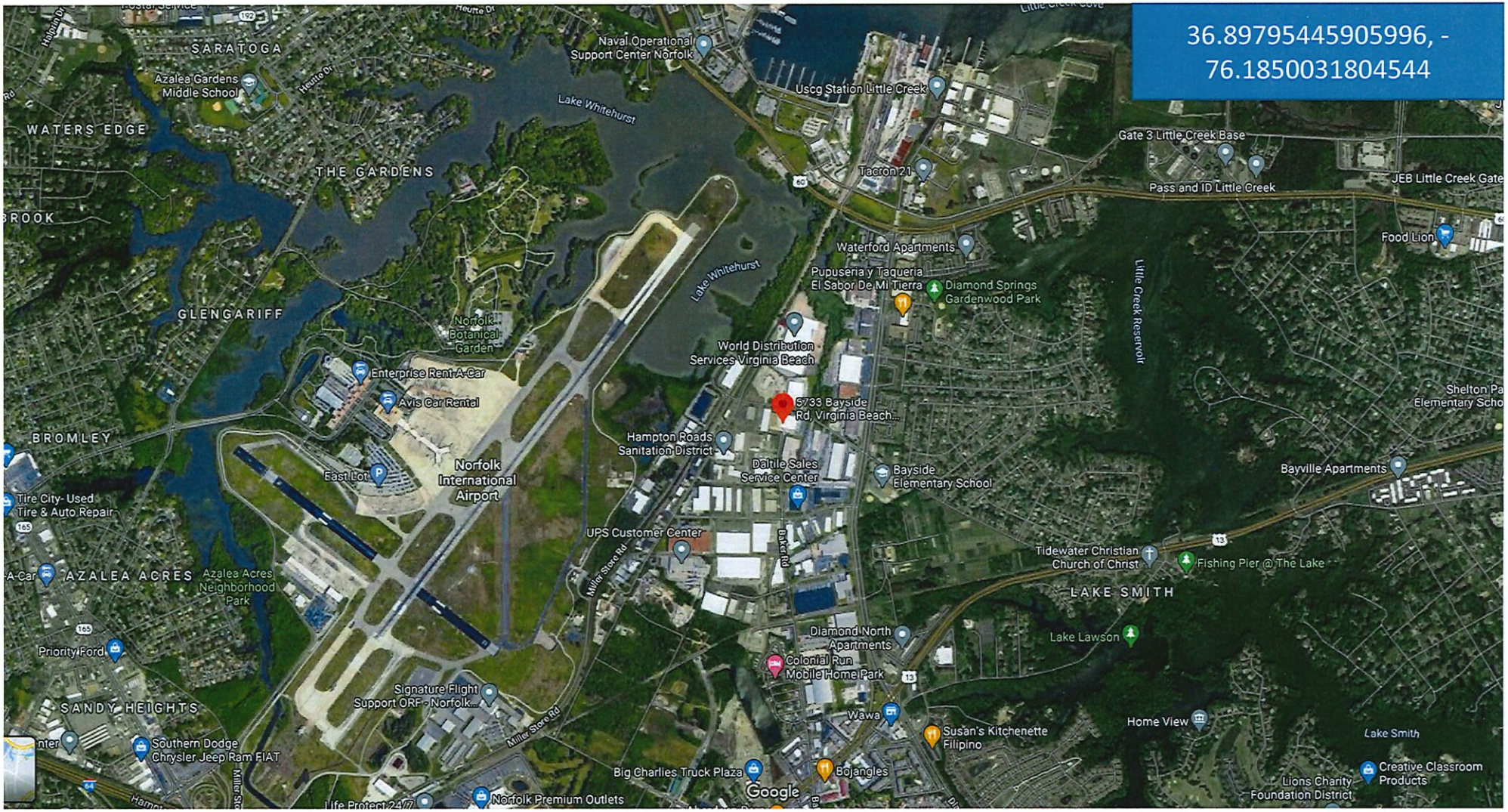
Return to "What Pages Do I Fill Out For My Facility?"

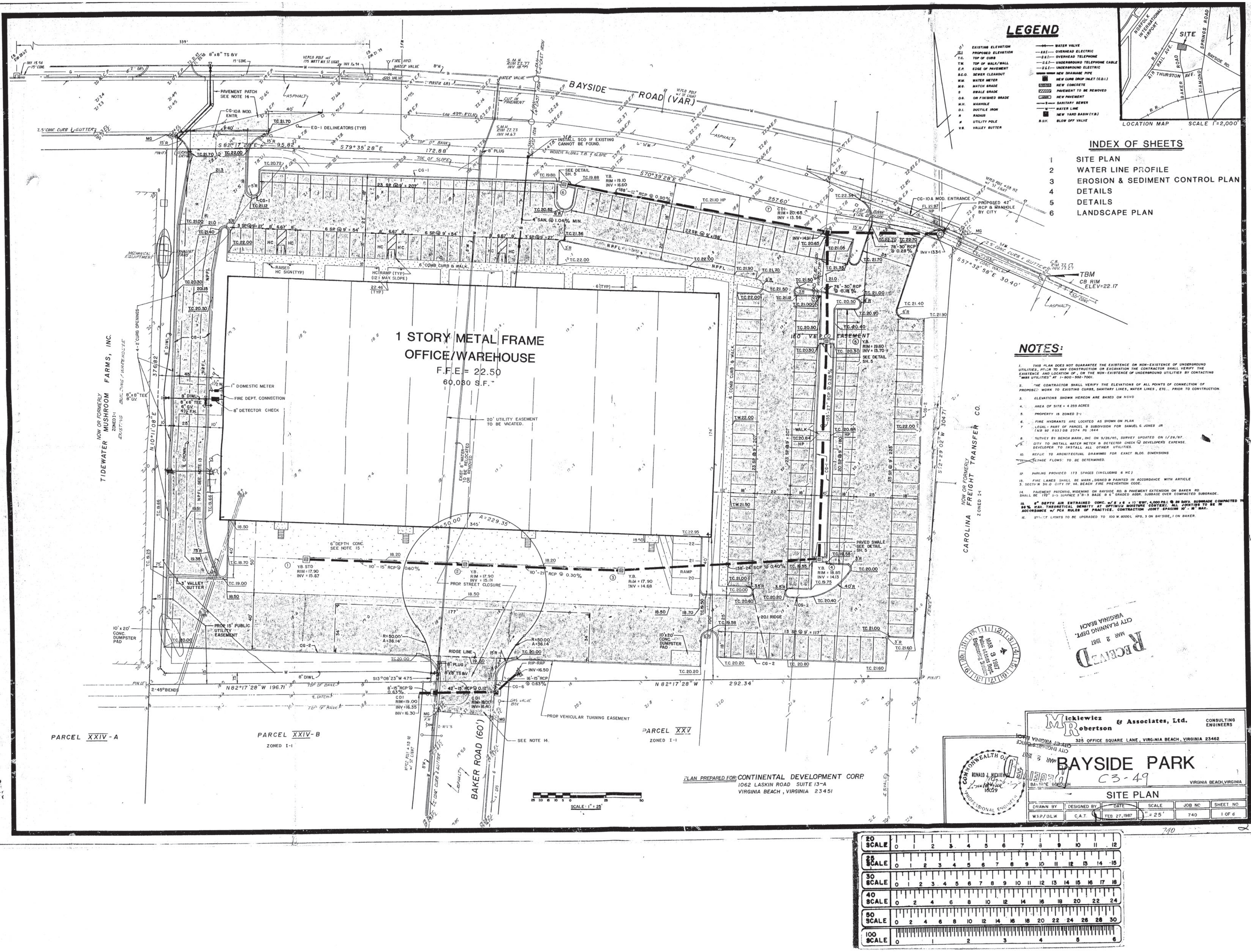
OPERATING PERIODS:

Company Name: LifeNet Health	Date: 4/19/2021	Registration Number: 61713

Unit Ref. No.	Percent Annual Use/Throughput by Season				Normal Process/Equipment Operating Schedule			Maximum Process/Equipment Operating Schedule		
	December / February	March / May	June / August	September / November	Hours per Day	Days per Week	Weeks per Year	Hours per Day	Days per Week	Weeks per Year
ETOS-7	100	100	100	100	24	7	52	24	7	52
ETOS-9	100	100	100	100	24	7	52	24	7	52
ETOS-10	100	100	100	100	24	7	52	24	7	52

Maximum Facility Operating Schedule		
Hours per Day	Days per Week	Weeks per Year
24	7	52


36.89795445905996, -76.1850031804544
SARATOGA
Azalea Gardens Middle School
Naval Operational Support Center Norfolk
Uscg Station Little Creek
Lake Whitehurst
WATERS EDGE
THE GARDENS
Gate 3 Little Creek Base
Tacron 21
Pass and ID Little Creek
JEB Little Creek Gate
Food Lion
Waterford Apartments
Pupuseria y Taqueria El Sabor De Mi Tierra
Diamond Springs Gardenwood Park
Little Creek Reservoir
GLENGARIFF
Norfolk Botanical Garden
World Distribution Services Virginia Beach
Enterprise Rent-A-Car
Avis Car Rental
5733 Bayside Rd, Virginia Beach...
Shelton Pa Elementary Scho
BROMLEY
Hampton Roads Sanitation District
Norfolk International Airport
East Lot
Daltile Sales Service Center
Bayside Elementary School
Bayville Apartments
Tire City- Used Tire & Auto Repair
UPS Customer Center
Miller Store Rd
Baker Rd
Tidewater Christian Church of Christ
Fishing Pier @ The Lake
AZALEA ACRES
Azalea Acres Neighborhood Park
LAKE SMITH
Diamond North Apartments
Lake Lawson
Priority Ford
Colonial Run Mobile Home Park
Signature Flight Support ORF - Norfolk...
SANDY HEIGHTS
Wawa
Home View
Susan's Kitchenette Filipino
Lake Smith
Southern Dodge Chrysler Jeep Ram FIAT
Big Charlies Truck Plaza
Bojangles
Creative Classroom Products
Google
Lions Charity Foundation District
Norfolk Premium Outlets


LEGEND
EXISTING ELEVATION
PROPOSED ELEVATION
T.C. TOP OF CURB
T.W. TOP OF WALK/WALL
E.P. EDGE OF PAVEMENT
S.C.O. SEWER CLEANOUT
W.M. WATER METER
M.G. MATCH GRADE
S SWALE GRADE
O.G. ON FINISHED GRADE
M.H. MANHOLE
D.I. DUCTILE IRON
R RADIUS
UTILITY POLE
V.G. VALLEY GUTTER
WATER VALVE
OVERHEAD ELECTRIC
OVERHEAD TELEPHONE
UNDERGROUND TELEPHONE CABLE
UNDERGROUND ELECTRIC
NEW DRAINAGE PIPE
NEW CURB DROP INLET (C.D.I.)
NEW CONCRETE
PAVEMENT TO BE REMOVED
NEW PAVEMENT
SANITARY SEWER
WATER LINE
NEW YARD BASIN (Y.B.)
B.O.V. BLOW OFF VALVE
NORFOLK INTERNATIONAL AIRPORT
SITE
SPRINGS ROAD
BAYSIDE RD.
R.R.
AIR RAIL AVE.
ROAD
THURSTON AVE.
BAKER
DIAMOND
LOCATION MAP SCALE 1"=2,000'
INDEX OF SHEETS
1 SITE PLAN
2 WATER LINE PROFILE
3 EROSION & SEDIMENT CONTROL PLAN
4 DETAILS
5 DETAILS
6 LANDSCAPE PLAN
BAYSIDE ROAD (VAR)
BAKER ROAD (60')
1 STORY METAL FRAME
OFFICE/WAREHOUSE
F.F.E.= 22.50
60,030 S.F.
NOW OR FORMERLY TIDEWATER MUSHROOM FARMS, INC.
NOW OR FORMERLY CAROLINA FREIGHT TRANSFER CO.
ZONED I-1
PARCEL XXIV-A
PARCEL XXIV-B
ZONED I-1
PARCEL XXV
ZONED I-1
TBM CB RIM ELEV=22.17
20' UTILITY EASEMENT TO BE VACATED.
PROP STREET CLOSURE
PROP VEHICULAR TURNING EASEMENT
PROP 15' PUBLIC UTILITY EASEMENT
10'x20' CONC. DUMPSTER PAD
PROPOSED 42" RCP & MANHOLE BY CITY
CG-10A MOD. ENTRANCE
NOTES:
1. THIS PLAN DOES NOT GUARANTEE THE EXISTENCE OR NON-EXISTENCE OF UNDERGROUND UTILITIES, PRIOR TO ANY CONSTRUCTION OR EXCAVATION THE CONTRACTOR SHALL VERIFY THE EXISTENCE AND LOCATION OF, OR THE NON-EXISTENCE OF UNDERGROUND UTILITIES BY CONTACTING "MISS UTILITIES" AT 1-800-552-7001.
2. THE CONTRACTOR SHALL VERIFY THE ELEVATIONS OF ALL POINTS OF CONNECTION OF PROPOSED WORK TO EXISTING CURBS, SANITARY LINES, WATER LINES, ETC... PRIOR TO CONSTRUCTION.
3. ELEVATIONS SHOWN HEREON ARE BASED ON NGVD
4. AREA OF SITE = 4.259 ACRES
5. PROPERTY IS ZONED I-1
6. FIRE HYDRANTS ARE LOCATED AS SHOWN ON PLAN
7. LEGAL: PART OF PARCEL B SUBDIVSION FOR SAMUEL G. JONES JR (MB 92 P.53) DB 2374 PG 1844
8. SURVEY BY BENCH MARK, INC ON 9/26/85, SURVEY UPDATED ON 1/28/87.
9. CITY TO INSTALL WATER METER & DETECTOR CHECK @ DEVELOPER'S EXPENSE. DEVELOPER TO INSTALL ALL OTHER UTILITIES.
10. REFER TO ARCHITECTUAL DRAWINGS FOR EXACT BLDG. DIMENSIONS
11. SEWAGE FLOWS: TO BE DETERMINED.
12. PARKING PROVIDED 173 SPACES (INCLUDING 6 HC)
13. FIRE LANES SHALL BE MARK, SIGNED & PAINTED IN ACCORDANCE WITH ARTICLE 3. SECTION 311.0 CITY OF VA. BEACH FIRE PREVENTION CODE.
14. PAVEMENT PATCHING, WIDENING ON BAYSIDE RD. & PAVEMENT EXTENSION ON BAKER RD SHALL BE 1½" S-5 SURFACE 3" B-3 BASE & 6" GRADED AGGR. SUBBASE OVER COMPACTED SUBGRADE.
15. 6" DEPTH AIR ENTRAINED CONC. w/ 6 x 6 x 10 WWF, 4,000 P.S.I. @ 28 DAYS. SUBGRADE COMPACTED TO 95% MAX. THEORETICAL DENSITY AT OPTIMUM MOISTURE CONTENT. ALL JOINTING TO BE IN ACCORDANCE w/ PCA RULES OF PRACTICE. CONTRACTION JOINT SPACING 10' - 16' MAX.
16. STREET LIGHTS TO BE UPGRADED TO 100 W. 8000 L HPS, 3 ON BAYSIDE, 1 ON BAKER.
RECEIVED MAR 2 1987 CITY PLANNING DEPT. VIRGINIA BEACH
PLAN PREPARED FOR: CONTINENTAL DEVELOPMENT CORP. 1062 LASKIN ROAD SUITE 13-A VIRGINIA BEACH, VIRGINIA 23451
SCALE: 1" = 25'
Mickiewicz Robertson & Associates, Ltd. CONSULTING ENGINEERS
325 OFFICE SQUARE LANE, VIRGINIA BEACH, VIRGINIA 23462
COMMONWEALTH OF VIRGINIA RONALD J. MICKIEWICZ 16029 PROFESSIONAL ENGINEER
BAYSIDE PARK
C3-49
BAYSIDE BOROUGH
VIRGINIA BEACH, VIRGINIA
SITE PLAN
DRAWN BY W.F.P./D.L.W.
DESIGNED BY C.A.T.
DATE FEB. 27, 1987
SCALE 1" = 25'
JOB NO 740
SHEET NO 1 OF 6
740
20 SCALE
25 SCALE
30 SCALE
40 SCALE
50 SCALE
100 SCALE